

FINAL TERM PROJECT – MATTHEW GAUDEN



ABOUT QUAD-ETF MANAGEMENT FUND

Assets Included

- SPY
- TLT
- VTI
- QQQ



STRATEGY OVERVIEW



MOMENTUM STRATEGY

- **Monthly Rebalancing:** Trading is only done monthly; investor rebalances and repeats process each month
- **Momentum Slope:** Calculated using a 125-day window
- **Weights:** Calculated using inverse volatility; volatility itself derived from 20-day standard deviation
- **Trend Filter:** Calculated based on a 200-day average of the S&P index; if trend filter is positive >> investor is allowed to buy
- **Min Momentum Threshold:** Min value set to 0.00001. If assets have a higher value than min threshold >>> investor buys



FEE STRUCTURE

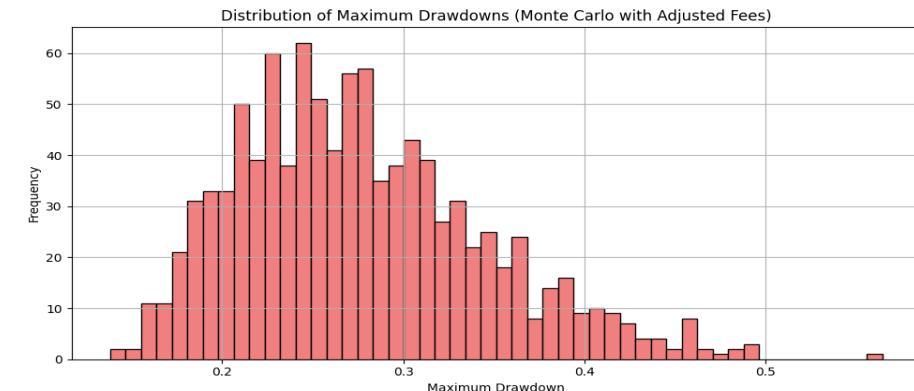
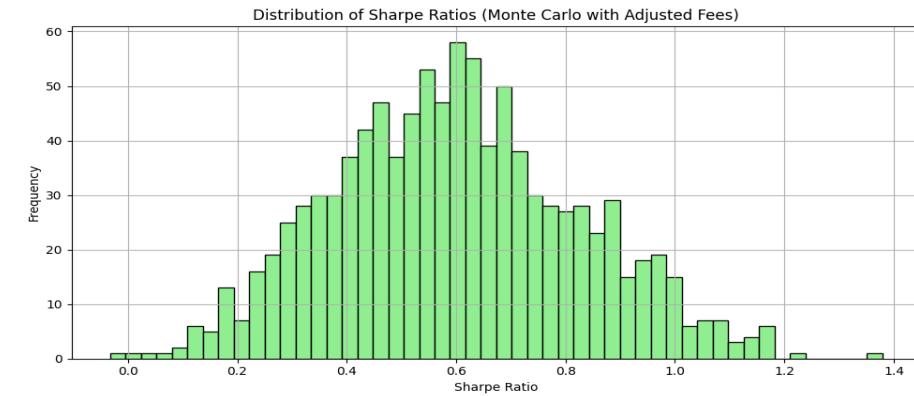
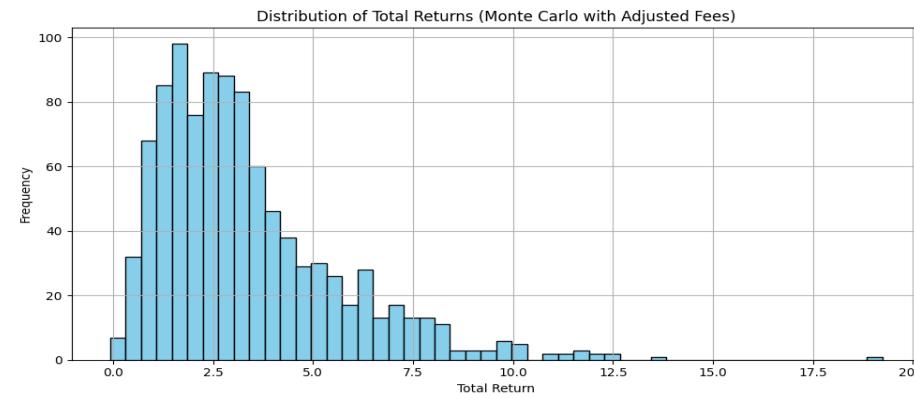
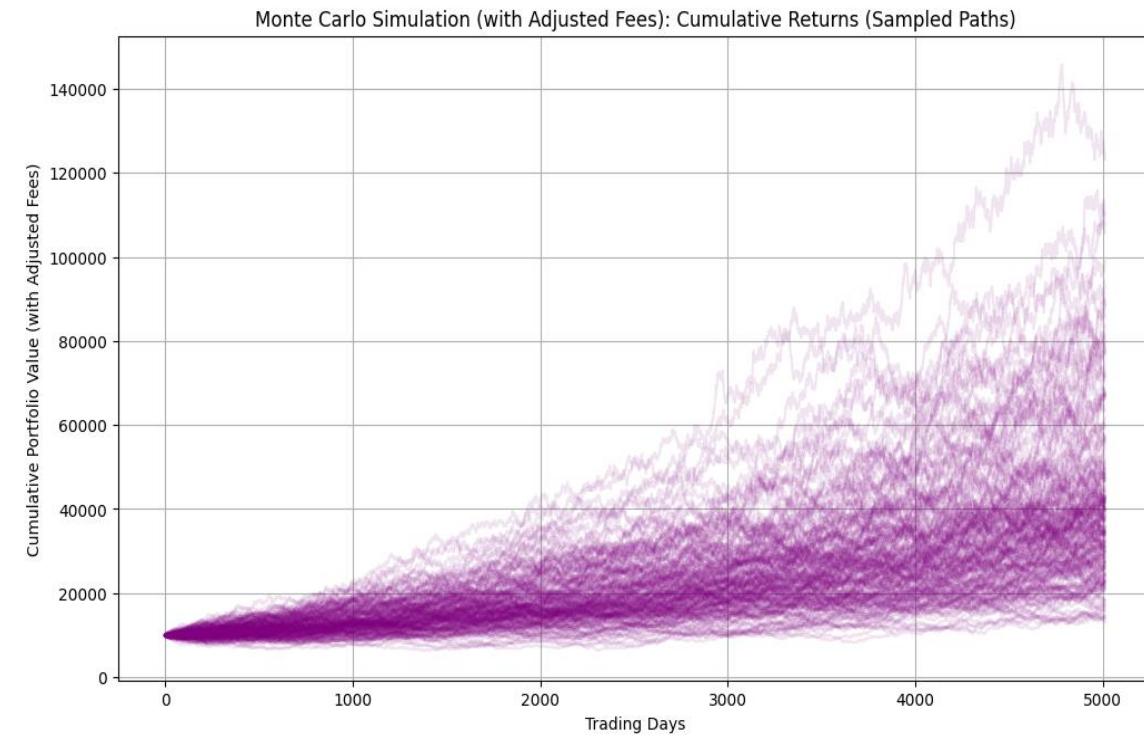


OUR FEES

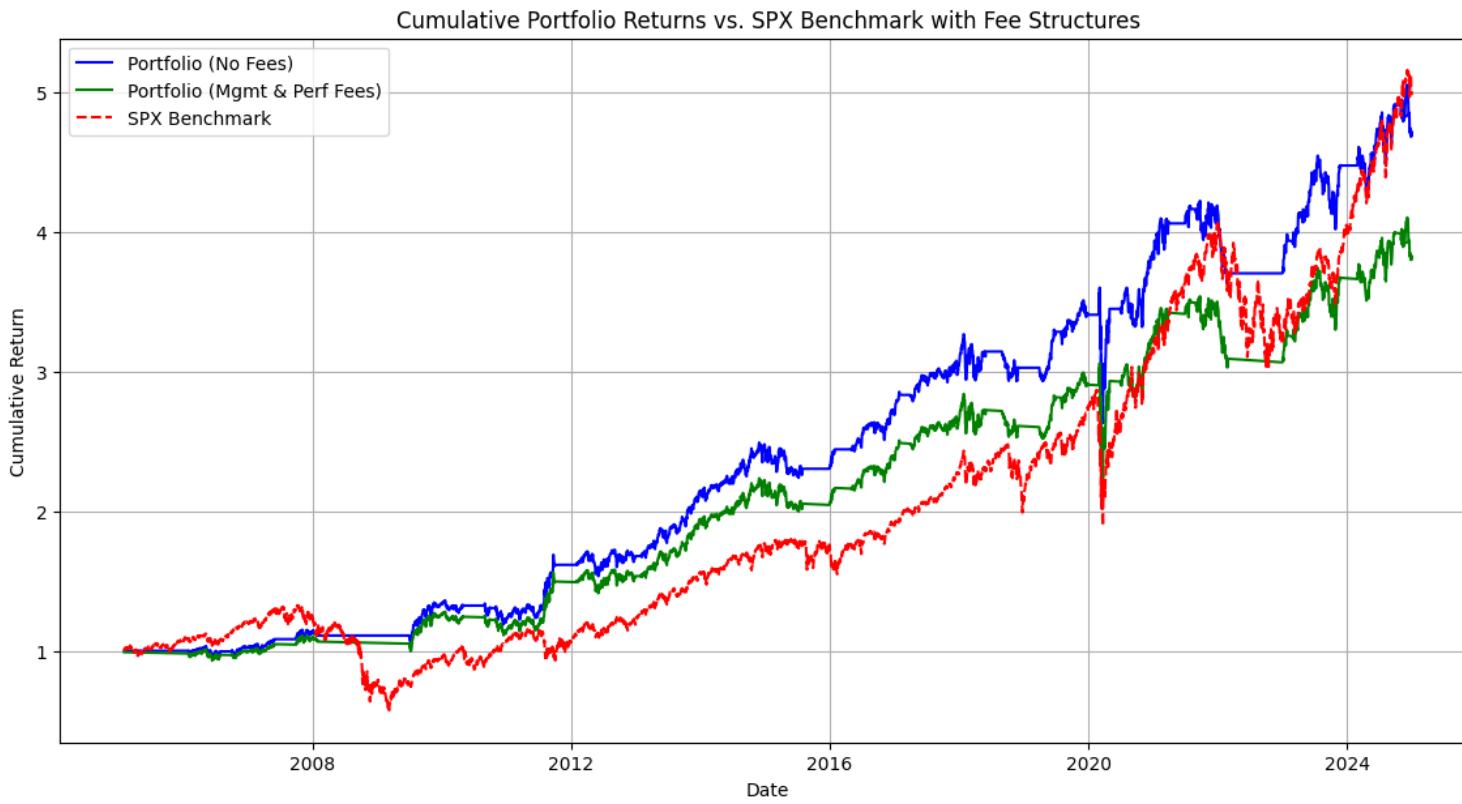
- Annual Management Fee – 1% charged annually as long as portfolio is actively managed by firm
- Initial Investment Fee – 1% upfront charge to go into business with the firm
- Performance Fee – 5% annual charge if performance exceeds hurdle-rate of 8% (Alpha value)



PERFORMANCE EVALUATION



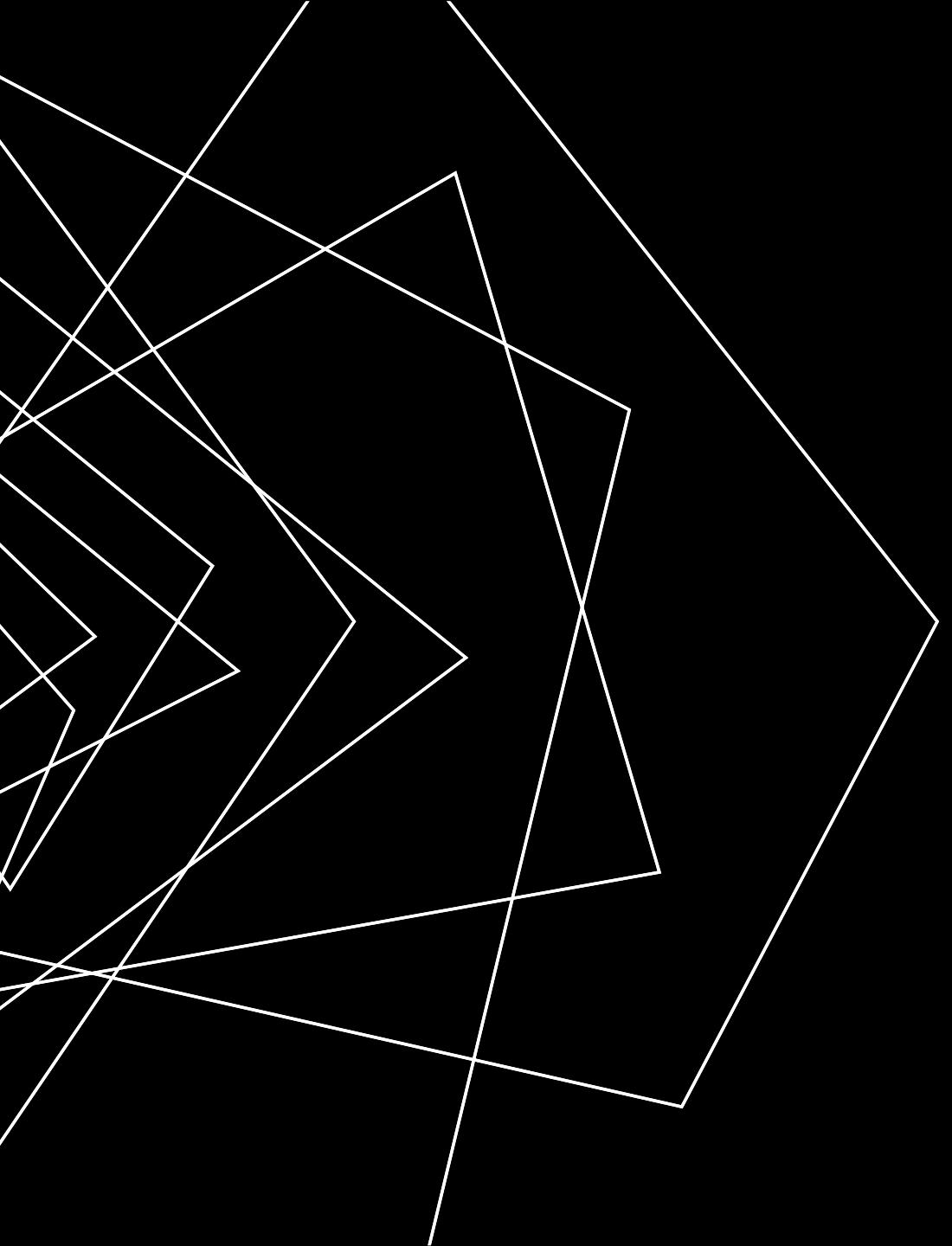
PERFORMANCE EVALUATION (CONTINUED)



RECOMMENDATION

I would ultimately start this firm and invest in this portfolio

- Majority of simulations show at least a doubling-up on principal investment value
- Low transaction costs
- Concern? Post-COVID performance



THANK YOU

